Revised Protocol for identification and rectification of Black spot on State Highways and District Roads.

Government of Maharashtra
Public Works Department
Government Circular No. RSC 2018/CR 227(Pt.1)/NH2
Mantralaya, Mumbai-400 032.
Date: 09th January, 2019.

Introduction-

The present Road safety Scenario on road in general and State Highways, District Roads and National Highways in particular high rate of accidents is matter of great concernment to Public Works Department, Government of Maharashtra. Though the roads such as State Highways and Major Districts roads were expected to be developed adopting all safety engineering measures during the planning and executing stage at the stage of preparation of DPR. It also includes conducting road safety Audit at design Stage and after completion of the projects. Significant number of location remain prone to accidents on the state road network, due to several constrains in the development and maintenance.

For improvement of such Black spot locations a systematic approach is required which includes common definition for Black spot identification and its rectification with time frame and also for monitoring the Black spots improved for the effectiveness of the improvement. For this purpose the following is the new revised protocol for road accident Black spots for identification and rectification on State Highways and MDR.

1) Definition of Road Accident Black spot on State Highways & Major District Roads -

Road Accident Black spot is a stretch of State Highways & Major District Roads of about 500 m in length in which either 5 road accidents (in all three years put together involving fatalities/grievous injuries) took place during the last 3 calendar years or 10 fatalities (in all three years put together) took place during the last 3 calendar years.

2) A committee at each police station level is constituted for identification and rectification of Black spots and subsequent monitoring effectiveness of the Black spots.

Public Works Department Government of Maharashtra have already constituted a State and Regional level Road safety cell vide Government circular dated 28th Feb. 2017.

The accident spots on state highways and major district roads are in remote interior portion in rural areas. In order to have effective and speedy working of identification and rectification and subsequent monitoring the effectiveness of improvement works and to

ensure Co-ordination between police, RTO, State PWD and Rural Road Department (Zillha Parishad) a committee in the jurisdiction of each police station is constituted as follows.

1) Police inspector / Sub inspection of the police station – Chairman
2) Deputy Engineer / Junior Engineer State PWD – Member Seoul
3) Road Transport officer /Asst. RTO/ RTO inspector – Member.
4) Deputy Engineer / Jr. Engineer of Zillha Parishad – Member.

3) The Committee will meet on every last Friday of the month and submit report to Road safety cell at Regional as well as State level regarding identification of new black spots. Temporary measures taken at Black spot previously identified. (to be completed within 3 Months). Collecting the data of every accident investigation the course of accidents and Representing to Government. Forwarding of complied road accident black spot data on National Highways by TRW to Road Safety Cell (Engineering) of MORTH. The committee shall visit each and every accident spot involving death or major injuries in their jurisdiction and investigate about the reasons of accident and Temporary and permanent measures to be taken for improvement of Black spot.

(i) The accident date (Keeping in view the above definition of accident Black spot) giving specific location. Details changes of the road stretch.

(ii) Number of accidents involving fatalities as per definition.

(iii) Forwarding the road accident data on NHs to Transport Research Wing (TRW) of MORTH. The accident data (keeping in view the above definition of accident black spot) giving the specific location of black spot limits of the black spot stretch (Up to a length of about 500 m). Number of accidents involving fatalities / grievous injuries number of fatalities if any during a calendar year are to be forwarded by police authorities and Regional and State level Road safety Cell.

4) Remedial measures for rectifications of Road accident Black spot on SH and District Roads.

The committee will decide the course of accidents by preliminary inspection and frame a proposal for the remedial measures to be taken for improvement of Black spot should be taken on top priority basis.

These include

(a) Temporary measures (Immediate measures)
(b) Permanent measures.

(a) Temporary measure include

1) Rectification of any damages to road structure causing unsafe condition to traffic.
2) Short term/Temporary measures like installation of road sign, road marking, speed reduction measure like providing rambler strips, traffic calming measures.

In any case the short term measures shall be taken up immediately and completed within 3 months of identification of Black spot.

The progress of these short term measures should be regularly reported to Road safety cell of Regional as well as State level.

(b) Permanent measures for rectifications of Black spot.

Committee will inspect the site and decide about the Permanent measures to be taken. If necessary the committee shall recommend for Safety Audit from the consultant. The concerned Deputy Engineer will prepare a proposal for the permanent measures to be taken at the Black spot and submit estimates and drawings to the concerned Executive Engineer.

Framing the proposal, obtaining approvals / sanctions for permanent rectification works shall be completed by 31st March of the subsequent year. (For example A Black spot is identified based on data in 2015. The proposal sanction and tendering shall be completed by 31st March 2017)

5) For sanction under repair and maintenance grants for permanent measures proposal. The Engineer are authorised as –

Chief Engineer – up to Rs.2 Cr.

Superintending Engineer – up to Rs.1 Cr.

Executive Engineer – up to Rs. 50 lakhs.

The proposals above Rs.2 Cr. shall be submitted to PWD, Government of Maharashtra for inclusion in Annual Budget Plan.

6) Feedback on effectiveness of remedial measures taken: The committee shall observe the effectiveness of the remedial measures taken for improvement of accident Black spot by

collecting the data of road accidents if any that happened at the Black spot after its improvement at least for 3 years and communicate yearly to Regional and State road safety cell.

If there are no accidents at the Black spot after completion of the improvement work for 3 subsequent years shall be reported to state road safety cell that shall be removed from the black spot list.

7) The committee will have the responsibility of effective implementation of the road safety complaints, for awareness of road safety in common road users in the jurisdiction of concerned police station area and shall send reports on implementation of various public complaints to state road safety cell.

This Government Circular of Maharashtra Government is available website www.maharashtra.gov.in reference no. for this is 201901101701131918. This circular has been signed digitally.

By order and in the name of the Governor of Maharashtra.

Chandrashekhar Prabhakar Joshi

Digitally signed by Chandrashekhar Prabhakar Joshi
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(C. P. Joshi)
Secretary (Roads)

Copy to –

1. Private Secretary to Hon.Minister (Public Works)
2. Private Secretary to Hon.Minister of State (Public Works)
3. P.A. to Additional Chief Secretary, Home Department, Mantralaya.
4. P.A. to Principal Secretary, Public Works Department, Mantralaya.
5. P.A. to Principal Secretary (Transport) , Home Department, Mantralaya.
6. P.A. to Secretary (Roads), Public Works Department, Mantralaya.
7. P.A. to Secretary (Works), Public Works Department, Mantralaya.
8. Transport Commissioner, Transport Commissioner Office, Mumbai-51.
9. All Commissioner
10. Chief Engineer and Joint Secretary, P.W. Department, Mantralaya, Mumbai.
11. All Collectors, Maharashtra State.
12. All Superintending of Police, Maharashtra State.

13. All Chief Engineers, Public Works Department.
14. Inter Finance Advisor and Deputy Secretary, P.W. Department, Mantralaya, Mumbai.
15. All Deputy Secretary, P.W. Department, Mantralaya, Mumbai.
16. All Superintendent Engineer, P.W.Circle.
17. All Under Secretary, P.W. Department, Mantralaya, Mumbai.
18. All Executive Engineer, P.W.Department.
19. All Section Officers, P.W. Department, Mantralaya, Mumbai./ Select File (NH-2).